

Fall Prevention

Mary Borges July 14, 2016

PUBLIC HEALTH
ALWAYS WORKING FOR A SAFER AND
HEALTHIER COMMUNITY



What is Healthy Aging?

AKA Falls Prevention

Living a long, productive meaningful life and enjoying a high quality of life.

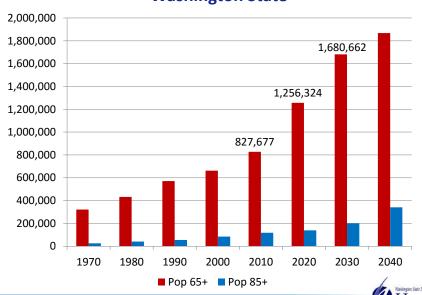


Presentation Overview

- Prevalence of Falls
- Fall Risk Factors
- How to Modify Risk Factors
- Short and Long Term Action Steps



Growth in the Older Adult Population by Age Group Washington State

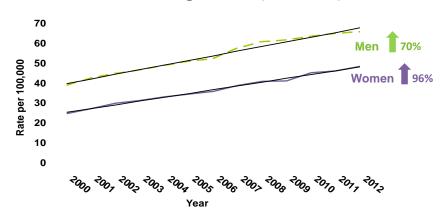


Falls in United States

- 1 in 3 of Americans aged 65 + falls each year.
- Leading cause of fatal and non-fatal injuries for those 65 and older.
- Every 15 seconds, an older adults is treated in the Emergency room.

 Every 29 minutes, an older adult dies following a fall.

Age-Adjusted Fall Death Rates, by Sex, for Adults Aged 65+ (2000-12)

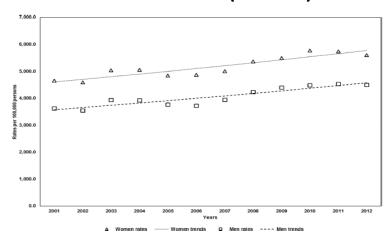


NCHS, Vital Records, 2000-2012



Washington State Department of Health

Age-Adjusted Fall Injury Rates, Adults 65+ Treated in EDs (2001-12)





Falls in Washington State 2015 data

• Washington population 65 + 1,027,664.

Washington fatalities
 850

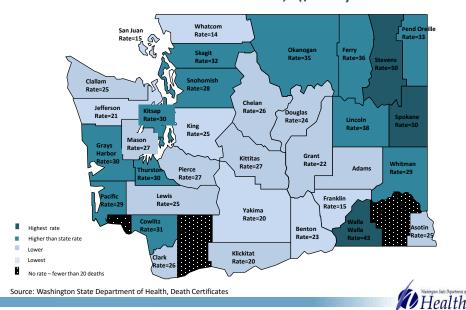
• Daily deaths > 2 /day

• Washington hospitalizations 12,600

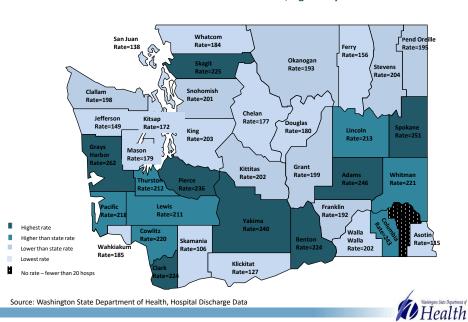
Daily hospitalizations
 34



Fall Death Rates By County of Residence 2008-2012, Age 65+ years

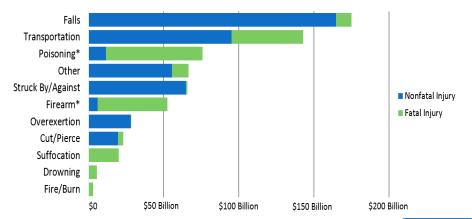


Fall Hospitalization Rates By County of Residence 2008-2012, Age 65+ years



Injuries Cost the U.S. \$671 Billion in 2013

Falls and transportation-related injuries account for the majority of nonfatal injury costs



Medical and work loss costs of injury by mechanism (cause), United States, 2013

*Fatal poisoning includes deaths from drug poisoning.
Florence C. Simon T, Haegerich T, et al. Estimated Lifetime Medical and Work Loss Costs of Fatal Injury, United States 2013. MMWR 2015;64(38).
Florence C. Haegerich T, Simon T, et al. Estimated Lifetime Medical and Work Loss Costs of Emergency Department Treated Nonfatal Injuries.
United States 2015. MMWR 2013;64(38).



CDC: Disseminating Fall Prevention Best Practices



For every 5,000 health care providers who adopt STEADI, over a 5-year period as many as:

- 6 million more patients could be screened,
- 1 million more falls could be prevented; and
- \$3.5 billion more in direct medical costs could be saved.



http://www.cdc.gov/steadi/



You can reduce the risk of falling:

- Identify patients at low, moderate, and high risk for a fall;
- · Identify modifiable risk factors; and
- Offer effective interventions.

3 Questions to Ask

- 1. Have you fallen in the past year?
- 2. Do you feel unsteady when standing or walking?
- 3. Do you worry about falling?
- If your patient answers "yes" to any of these key screening questions, they are considered at increased risk of falling.



Fall Risk Checklist





Fitness Checks http://www.cdc.gov/steadi/videos.html



Stay Independent Self Assessment





To Order This Brochure



Today:

- Enter in to the Question Pane Your:
 - Name
 - Agency
 - · Mailing address
 - Telephone number
 - · E-mail address

OR visit:

http://here.doh.wa.gov/edmaterials/subjects/aging



My Falls-Free Plan

			ne medications can cause falls, but many falls can be prevented.	
e this to learn what to do to stay acti	ve, in	deper	ndent, and falls-free.	
Check "Yes" if you experience this (even if only sometimes)	No	Yes	What to do if you checked "Yes"	
Have you had any falls in the last six months?			Talk with your doctor(s) about your falls and/or concerns. Show this checklist to your doctor(s) to help understand and treat your risks, and protect yourself from falls.	
Do you take four or more prescription or over-the-counter medications daily?			Review your medications with your doctor(s) and your pharmacist at each visit, and with each new prescription. Ask which of your medications can cause drowsiness, dizziness, or weakness as a side effect.	
Do you have any difficulty walking or standing?			□ Tell your doctorigi il you have ary pain, aching, oceness, stiffness, weakness, swelling, or runnhess in your legs or feet—don't ignore these types of health problems. □ Tell your doctorigi about any difficulty walking to discuss treatment. □ Ask your doctorigi il physical therapy or treatment by a medical specialist would be helpful to your problem.	
Do you use a cane, walker, or crutches, or have to hold onto things when you walk?			Ask your doctor for training from a physical therapist to learn what type of device is best for you, and how to safely use it.	
Do you have to use your arms to be able to stand up from a chair?			Ask your doctor for a physical therapy referral to learn exercises to strengthen your leg muscles. Exercise at least two or three times a week for 30 min.	
Do you ever feel unsteady on your feet, weak, or dizzy?			Tell your doctor, and ask if treatment by a specialist or physical therapist would help improve your condition. Review all of your medications with your doctor(s) or pharmacist if you notice any of these conditions.	
Has it been more than two years since you had an eye exam?			 Schedule an eye exam every two years to protect your eyesight and your balance. 	
Has your hearing gotten worse with age, or do your family or friends say you have a hearing problem?			Schedule a hearing test every two years. If hearing aids are recommended, learn how to use them to help protect and restore your hearing, which helps improve and protect your balance.	
Do you usually exercise less than two days a week? (for 30 minutes total each of the days you exercise)			Ask your doctor(s) what types of exercise would be good for improving your strength and balance. Find some activities that you enjoy and people to exercise with two or three days/week for 30 min.	
Do you drink any alcohol daily?			☐ Limit your alcohol to one drink per day to avoid falls.	
Do you have more than three chronic health conditions? (such as heart or lung problems, diabetes, high blood pressure, arthritis, etc. Ask your doctor(s) if you are unsure.)			Be your doctor(s) as often as recommended to keep your health in good condition. Ask your doctor(s) what you should do to stay healthy and active with your health conditions. Beport any health changes that cause weakness or illness as soon as possible.	



Risk Factors for Falls

Intrinsic

- Advanced Age
- Previous Falls
- Muscle Weakness
- Gait & Balance Problems
- Poor Vision
- Postural Hypotension
- Chronic Conditions
- Fear of Falling

Extrinsic

- Lack of stair handrails
- Poor stair design
- Lack of bathroom grab bars
- Dim Lighting or glare
- Obstacles & tripping hazards
- Slippery or uneven surfaces
- Psychoactive medications
- Improper use of assistive devices



What You Can Do To Prevent Falls

Talk to your Doctor



- Strength and Balance Exercises
- Vision Check



Home Safety







What You Can Do To Prevent Falls

Vitamin D



Medication Review



Interventions Fitness Programs

- Gait and Balance Problems
- Fear of Falling
- Muscle Weakness



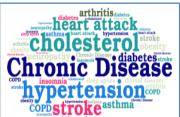






Interventions Talk with Your Doctor

- Poor Vision
- Postural Hypotension
- Chronic Conditions
- Psychoactive Medications
- Improper use of assistive device







Interventions Home Safety

- Stair handrails
- Grab bars
- Lighting
- Tripping hazards
- Uneven surfaces







Health Action Plan

- Short Term Goal
 - Identify factors that put patients at risk
 - Intrinsic conditions that can be affected by action
 - -Sign up for strength & balance fitness class
 - -Get your vision checked
 - -Medication Review with Dr. or Pharmacist
 - -Ask Dr. about Vitamin D supplements
 - -See physician about chronic conditions



Health Action Plan

- Short Term Goal
 - Identify factors that put patients at risk
 - Some environmental (extrinsic) hazards
 - Furniture arrangement
 - Floors too slick or changes in flooring
 - Lighting -- night light, too dim or bright, glare or distortion
 - Cords vacuum cleaners, electrical devices
 - Clothing too long, pants that touch the ground
 - Footwear thick rubbery soles easily catch, socks without treads
 - See physical therapist to assist with Assistive device
 - Medication review for psychoactive medications



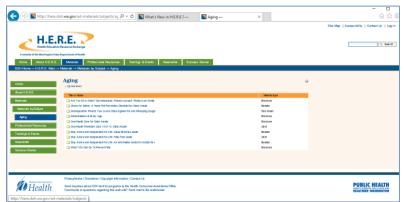
Reduce Falls Community Wide Efforts

- Health Systems
- Health Insurance Plans
- Community programs
- Clinician education and referrals (STEADI)
- Aging Partners -- services, community health workers, volunteers, professional organizations, first responders
- Public awareness



Resources

Washington State's Dept. of Health website: http://here.doh.wa.gov/ed-materials/subjects/aging





Resources (cont.)

Article with online website resources and related articles





Resources (cont.)

Another optional assessment:

http://www.ncbi.nlm.nih.gov/pub med/19589191





THANK YOU

Mary Borges
Department of Health
Older Adult Fall Prevention
Program Manager
mary.borges@doh.wa.gov
360-236-2861





Certificate of Completion

Fall Prevention

presented by Mary Borges WA State Department of Health Lacey, Washington

Webinar aired on: July 14, 2016 in Lacey, Washington for Health Home Care Coordinators and Allied Staff

Training Credit of 1 HourPlease sign and date to attest that you reviewed this webinar PowerPoint

Your Signature		Date
Supervisor's Signature	•	Date



Washington State Health Care Authority